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EXCHANGE INTERACTION PARDMETER he		0.05
PARTICLE (nm) (nm)		က
THICKNESS (nm)	10	1/1/10
	IN-PLANE SINGLE-LAYER MEDIUM	PERPENDICULAR/ IN-PLANE COMPOSITE MEDIUM

* IN THE ORDER OF PERPENDICULAR MAGNETIC FILM, NONMAGNETIC SPACER, AND IN-PLANE MAGNETIC FILM.

FIG 3

tBr (Gum)	MAGNETIC FILM Ms Hk tE (emu/cc) (kOe) (GL
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EXCHANGE INTERACTION PARDMETER he		0.05
PARTICLE PARTICLE (nm) (nm)		വ
THICKNESS (nm)	9	1/1/6*
	IN-PLANE SINGLE-LAYER MEDIUM	PERPENDICULAR/ IN-PLANE COMPOSITE MEDIUM

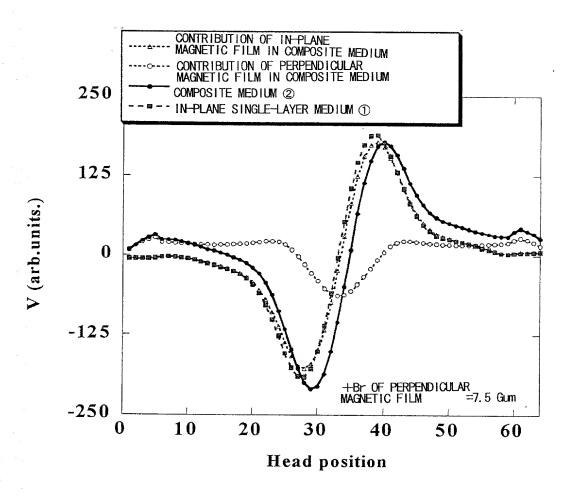
* IN THE ORDER OF PERPENDICULAR MAGNETIC FILM, NONMAGNETIC SPACER, AND IN-PLANE MAGNETIC FILM.

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		PEF MA(PERPENDICULAR MAGNETIC FILM	LAR LM	-NI MA	IN-PLANE MAGNETIC FILM	ΓM	Output@ 460kfci	N/S	S/N@460kfci
		Ms (emu/cc)	(k0e)	tBr (Gum)	Ms (emu/cc)	(kOe)	tBr (Gum)	>%	S/Nm (dB)	DIFFERENTIAL (dB)
IN-PLANE SINGLE-LAYER MEDIUM	Θ							%0.0	13.9	0.0
	0	009	22	7.5				-1.0%	14.8	+0.9
PERPENDICULAR/	<u></u>	200	18	2.5	009	12.6	56.5	-6.3%	15.1	+1.2
SITE MEDIUM	4	200	15	2.5	_			-3.6%	14.2	+0.3
	②	200	10	2.5				2.5%	14.2	+0.3

MAGNETIC RECORDING MEDIUM USING A...
Maeda et al.
Greer, Burns & Crain, Ltd. (Patrick Burns)
Ref. No. 0941.65907
Sheet 6 of 11 (312) 360 0080

FIG. 6A



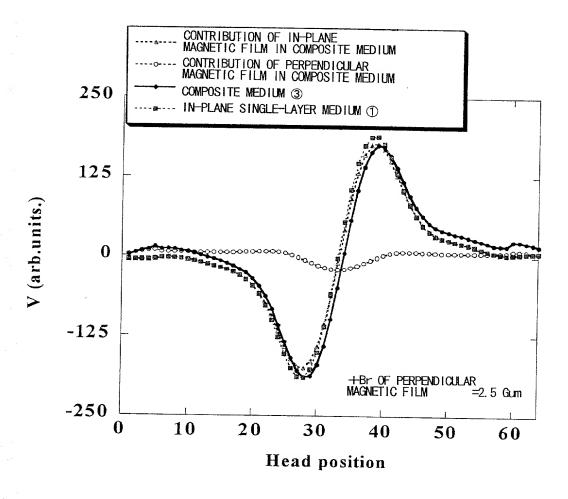
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FIG. 6B



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17.5	18.0	18.0
200	200	200
12.6	12.6	12.6
009	009	009
7.1	7.5	8.5
	600 12.6 200	600 12.6 200 600 12.6 200

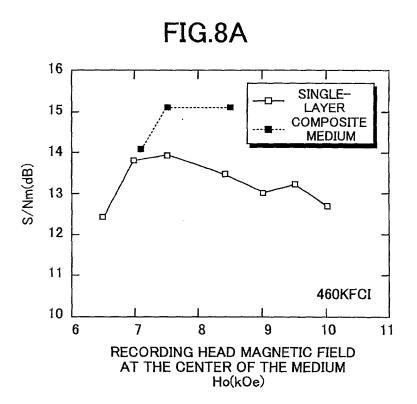
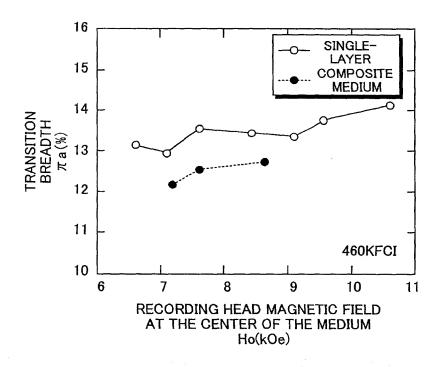


FIG.8B

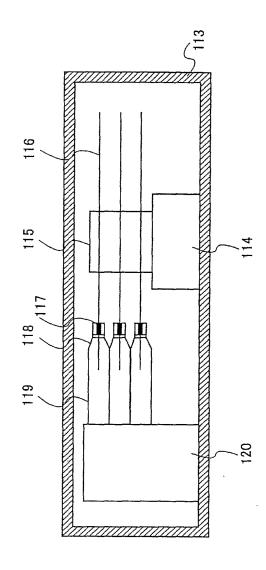


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